



23T930

Product Technical Information

LDPE for Injection moulding

23T930 is a low-density polyethylene intended for injection moulding. It is a high MFR material, having good flow properties and allowing short cycle time. The moulded article is characterised by low degree of built-in stress, good stiffness and high gloss.

Applications

23T930 is recommended for injection moulding of flexible products which require good flow properties and short cycle time. The material is especially suitable for thin walled products like caps and closures, household goods and toys.

Properties	Test Method	Value	Units
Physical			
Melt flow rate (190°C/2.16 kg)	ISO 1133	22	g/10 min
Density	ISO 1183	923	kg/m ³
Tensile Strain @ break (50mm/min)	ISO 527-2	130	%
Tensile Impact Strength, notched	ISO 825 UA 1	180	kJ/m ²
Tensile modulus (1mm/min)	ISO 527-2	180	MPa
Hardness Shore D	ISO 868	49	-
Vicat softening temperature A (10N)	ISO 306	92	°C

- Data should not used for specification work